

Part 2 - Introduction to Java

I.Objective Type Questions:

1. A virtual machine that executes Java bytecode is called:
A) javac
B) OOP
C) Java assembler
D) JVM
2. Machine language for Java Virtual Machine is called:
A) JVM
B) Java platform
C) **Bytecode**
D) Java compiler
3. Java language is:
A) Multithreaded
B) Platform independent
C) Object Oriented
D) All of the above
4. Pick the correct statement:
A) Java uses interpreter only
B) **Java uses compiler and interpreter**
C) Java uses compiler only
D) None of the above
5. Pick the correct statement:
A) A compiler translates code into high-level language all at once
B) A compiler translates code into machine language one line at a time
C) An interpreter translates code into machine language all at once
D) An interpreter translates code into machine language one line at a time
6. A machine language version of the code is called:
A) **Object Code**
B) Source Code
C) High Level Code
D) Main Method Code
7. A computer only understands
A. High-level language
B. Assembly language
C. English language
D. Machine language
8. A computer program's capability to run on multiple operating systems is called:
A) Multiuser program
B) **Platform independence**
C) Platform dependence
D) Multilingual program
9. The file extension of a Java class file is:
A. .class
B. .doc
C. .bluej
D. .java

10. What does a stand-alone Java application need for execution?
- A. A Java-compatible web browser
 - B. Does not need a Java-compatible web browser**
 - C. Needs an Assembler
 - D. Needs an Object Linker
11. The acronym JIT in JIT Compiler stands for
- A. Just In Transfer
 - B. Java Input Terminal
 - C. Just In Time**
 - D. Java Input Token
12. The acronym JRE stands for
- A. Java Routine Enabler
 - B. Java Runtime Environment**
 - C. Java Robust Editor
 - D. Java Runtime Execution
13. Which statement is true?
- A. Java application can run on Windows platform only
 - B. Java applications are platform dependent
 - C. Java applications are platform independent**
 - D. Java applications don't need a platform to run
14. A computer program that translates a high-level language program into machine code is:
- A. Linker
 - B. Assembler
 - C. Library
 - D. Compiler**
15. Pick the correct answer:
- A. An applet can be executed in an Applet Viewer and Web Browser**
 - B. An applet can be executed in an Applet Viewer only
 - C. An applet can be executed in a Web Browser only
 - D. An applet cannot be executed on a computer
16. A computer program that translates an assembly language program into machine code is:
- A. Linker
 - B. Assembler**
 - C. Library
 - D. Compiler
17. The file extension of a Java program is
- A. .class
 - B. .doc
 - C. .bluej
 - D. .java**

18. Which statement is true?

- A. Java applications can run on Windows
- B. Java applications can run on Mac
- C. Java applications can run on Linux
- D. All of the above**

19. The acronym JVM stands for

- A. Java Virtual Motor
- B. Java Virtual Monitor
- C. Java Virtual Mode
- D. Java Virtual Machine**

20. For a Java program to run as a stand-alone program it must have:

- A. a main method**
- B. a virtual method
- C. a protected method
- D. an overloaded method